

Name _____

Date Mrs. Hayden

LESSON 10.1

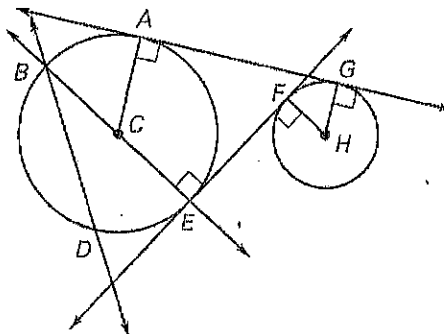
Practice C

For use with pages 650-658

#s 1-8 only

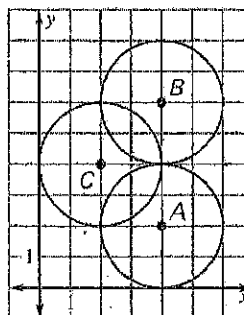
State the best term for the given figure in the diagram.

1. F
2. \overleftrightarrow{FE}
3. \overline{HG}
4. \overline{DB}
5. C
6. \overline{BE}
7. \overleftrightarrow{DB}
8. \overleftrightarrow{AG}



Use the diagram at the right.

9. Find the diameter and radius of $\odot A$, $\odot B$, and $\odot C$.
10. Describe the point of intersection of all three circles.
11. Describe all the common tangents of $\odot A$ and $\odot B$.
12. Describe the common secant of $\odot A$ and $\odot C$ that passes through both intersections of the two circles.



Draw a pair of circles with the characteristics described.

13. non-intersecting circles, no common tangents
14. intersecting circles, 2 common tangents
15. 1 point of intersection, 1 common tangent
16. 1 point of intersection, 3 common tangents

LESSON
102

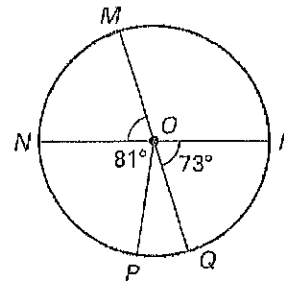
Practice C

For use with pages 659-663

All #s

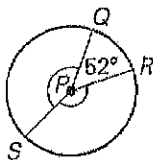
\overline{MQ} and \overline{NR} are diameters of $\odot O$. Determine whether the given arc is a minor arc, major arc, or semicircle. Then find the measure of the arc.

1. \widehat{MN}
2. \widehat{NQ}
3. \widehat{NQR}
4. \widehat{MRP}
5. \widehat{PN}
6. \widehat{MNQ}
7. \widehat{QR}
8. \widehat{MR}
9. \widehat{QMR}
10. \widehat{PQ}
11. \widehat{PRN}
12. \widehat{MQN}

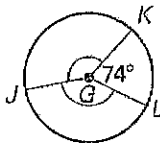


Find the indicated arc measure.

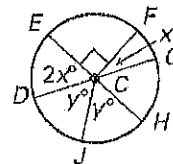
13. $m\widehat{QS}$



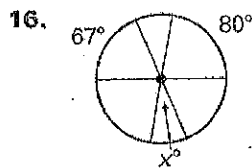
14. $m\widehat{LKJ}$



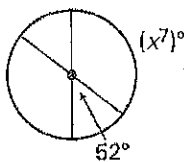
15. $m\widehat{DH}$



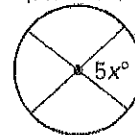
Find the value of x .



17.



18. $(7x - 12)^\circ$



\overline{AC} and \overline{BD} are diameters of $\odot E$. Find the measure of the given arc if $m\widehat{ACD} = 316^\circ$.

19. $m\widehat{AD}$

20. $m\widehat{BC}$

21. $m\widehat{BCA}$

22. $m\widehat{DCB}$

\overline{RT} and \overline{PS} are diameters of $\odot M$. Find the measure of the given arc if $m\widehat{TP} = 47^\circ$.

23. $m\widehat{ST}$

24. $m\widehat{PR}$

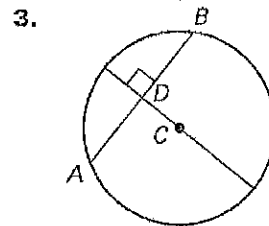
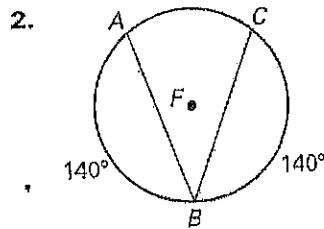
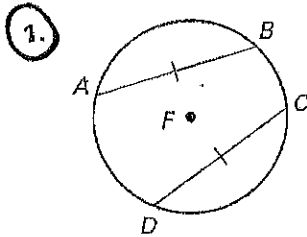
25. $m\widehat{RTP}$

26. $m\widehat{STR}$

#5 1, 7-14

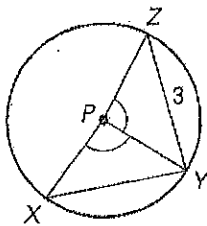
LESSON 10.3 Practice C
For use with pages 664-670

What can you conclude about the diagram? State a postulate or theorem that justifies your answer.

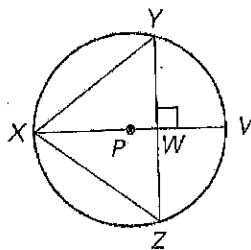


P is the center of the circle. Use the given information to find XY.

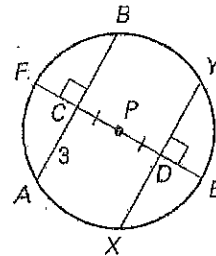
4. $ZY = 3$



5. $ZY = 6, XW = 4$



6. $CA = 3$



Find the measure of $\angle MN$.

